UNV 8MP IR IP Turret Camera





Turret • Easystar • 1 / 2.7" CMOS 8MP • 0.005 lux (F1.6, AGC ON) • Ultra 265 / H.265 / H.264 • 120dB True WDR • 2.8mm • 98.4 ft (30m) IR Distance • IP67 • 12VDC / PoE(af) • Built-in Mic • Micro SD Slot / up to 512 GB

FEATURES

- High quality image with 8MP, 1 / 2.7"CMOS sensor
- 8MP (3840*2160)@20fps; 5MP (3072*1728)@30 / 25fps; 4MP (2560*1440)@30 / 25fps; 2MP (1920*1080) @30 / 25fps
- Ultra 265, H.265, H.264, MJPEG
- Easystar technology ensures high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 30m (98ft) IR distance
- Supports 256 G Micro SD card

- IP67 protection
- Support PoE power supply
- 3-Axis

SPECIFICATIONS

Camera	
Max Resolution	8 MP
Sensor	1 / 2.7" CMOS
Min. Illumination	Support Easystar: Colour: 0.005 lux (F1.6, AGC ON) 0 Lux with IR on
Day / Night	IR-cut filter with auto switch (ICR)
Shutter	Auto / Manual, 1 ~ 1 / 100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 80°, Rotate: 0° ~ 360°
S / N	>52 dB
WDR	120 dB
Lens	
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.6
Field of View (H)	98.3°
Field of View (V)	53.3°
Field of View (D)	103.1°
DORI	
DORI Distance (Lens)	2.8mm
DORI Distance (Detect)	84.0m(275.6ft)
DORI Distance (Observe)	33.6m(110.2ft)
DORI Distance (Recognize)	16.8m(55.1ft)
DORI Distance (Identify)	8.4m(27.6ft)
Illuminator	
Illumination Distance (IR)	30 m (98.4 ft)

Wavelength	850 nm
IR On / Off Control	Auto / Manual
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps;720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Dual Streams
Image	
White Balance	Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2
Digital Noise Reduction	2D / 3D DNR
Smart IR	Support
Flip	Normal, Flip Vertical, Flip Horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Dewarping	N / A
HLC	Support
BLC	Support
Defog	Digital Defog
Events	
Basic Detection	Motion Detection, Ultra Motion Detection, Tampering Alarm, Audio Detection, Cross line (based on human body detection), Intrusion (based on human body detection)
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication
Audio	

Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N / A
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL / TLS, 802.1x, SNMP, PPPoE
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User / Host	Up to 32 users. 3 user levels: administrator, common user and operator
Security	Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF
Client	UNV-Link, UNV-Link Pro, EZStation
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
Interface	
Audio I / O	N / A
Alarm I / O	N / A
Serial Port	N / A
Built-in Mic	Support
Built-in Speaker	N / A
WIFI	N / A
Network	1 × RJ45 10 M / 100 M Base-TX Ethernet
Video Output	N / A
Certification	
EMC	CE-EMC (EN 55032, EN 61000 ~ 3-3, EN IEC 61000 ~ 3-2, EN 55035)
	FCC (FCC 47 CFR part15 B)

Safety	CE LVD (EN 62368 ~ 1)
	CB (IEC 62368 ~ 1)
	UL / CUL (UL 62368 ~ 1, CAN/CSA C22.2 No. 62368 ~ 1)
Environment	CE-RoHS (2011 / 65 / EU;(EU)2015/863); WEEE (2012/19/EU)
Protection	IP67 (IEC 60529)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 4.5W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Φ110.5 × 94.1mm (Φ4.4” × 3.7”)
Weight	0.36kg (0.79lb)
Material	Metal
Working Environment	−30 °C to 60 °C (−22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	−30 °C to 60 °C (−22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	N / A
Web Client Language	13 Languages English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese, Spanish, Spanish (Europe), Italian